

## Viconics 8350 Residential Life



Facilities, Planning and Management is installing new electronic thermostats in all spaces throughout Residential Life. The thermostats will be installed in phases starting in 2019 with all spaces expected to be upgraded by 2022. These are designed to help the University reduce energy usage and our carbon footprint while improving comfort. With this goal in mind, we ask for your assistance in operating each space as efficiently as possible. Setting a schedule and maintaining reasonable temperature set points have a significant effect on the amount of energy required to condition your space.

### Thermostat Interface

**Mode:**

- Occupied
- Standby
- Unoccupied

**Space Temperature**

**Language Select**

**Fahrenheit / Celsius Select:**

**Mode:**

- Heating
- Cooling

**Fan Status**

**Temperature Setpoint Increase**

**Cooling Setpoint**

**Heating Setpoint**

**Temperature Setpoint Decrease**

**Schedule Menu**

The thermostats have two modes, heating and cooling. Each mode has a range of allowable temperatures as shown below:

- Heating Mode = 67° – 74°
- Cooling Mode = 70° - 77°

### **Temperature Setpoint**

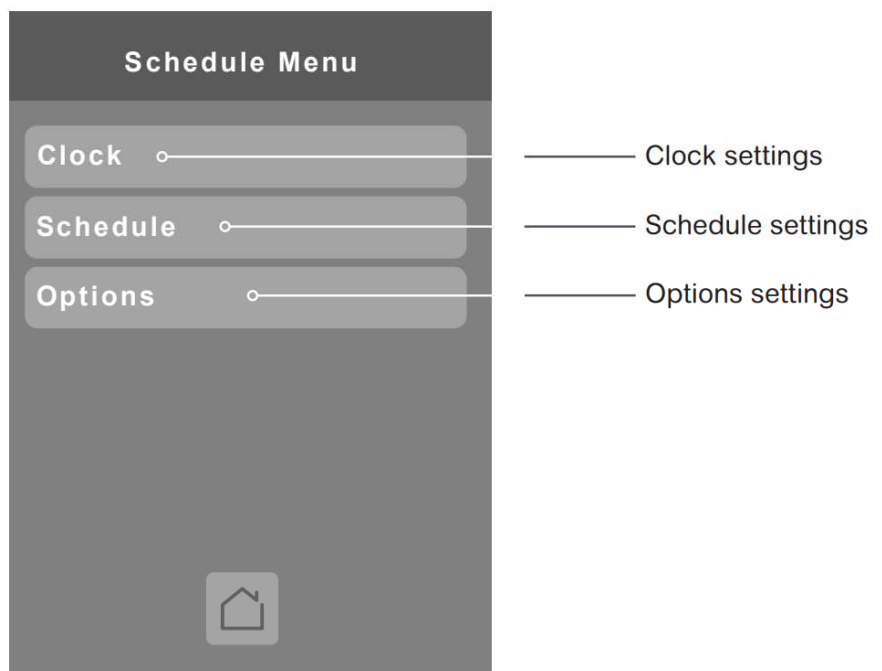
To change the temperature, simply press the “Temperature Setpoint Increase” or “Temperature Setpoint Decrease” up / down arrow buttons. The user will see the temperature setting change. After about 2 seconds, the temperature reading will revert to the actual space temperature. The temperature setpoint will be displayed between the up and down arrows. If a setpoint change is made, the HVAC unit will respond accordingly and work to change the temperature in the space.

### **Schedules**

WUSTL Facilities has not implemented a schedule in the thermostats. However, occupants are encouraged to input a schedule that meets matches their use of the space. Thermostat schedules have been shown to reduce energy use by 3% - 10%. This is one of the largest carbon reduction measures that individuals can control.

To set a schedule, first press the “Schedule Menu” button. Then follow the instructions below:

## Clock - Schedule Menu





# Clock

The Clock settings screen allows the device's internal time settings to be changed (current time, day, month, year and weekday options), as well as to choose between a 12 hour AM / PM display or 24 hour display.



## PARAMETER DETAILS

Configuration Parameters Default Value	Significance and Adjustments
<b>Time Format</b> Default value: <b>AM-PM</b>	<b>Time Format</b> Current time display format. Choice between 12 hour (AM - PM) time format or 24 hour time format. <b>Note:</b> Changing the value of this parameter automatically changes the format of the displayed value of the time parameter. <b>Choices:</b> AM-PM or 24 Hours
<b>Time</b> Default value: <b>current time at power up</b>	<b>Time</b> Standard time display, 12 hour AM-PM or 24 hour format determined by the Time Format parameter value.
<b>Year</b> Default value: <b>2014</b>	<b>Year</b> Current year <b>Range:</b> 2000 - 2100
<b>Month</b> Default value: <b>Jan.</b>	<b>Month</b> Current month <b>Range:</b> Jan. - Dec.
<b>Day</b> Default value: <b>1</b>	<b>Date</b> Current date <b>Range:</b> 1 - 31
<b>Weekday</b> Default value: <b>Monday</b> <b>Read Only</b>	<b>Current Day</b> Automatically set based on data received from Year/Month parameters. <b>Range:</b> Monday - Sunday

# Schedule

There are seven different schedule setting screens, one for each day of the week. Each day can have different scheduled events where the Room Controller is set to Occupied status or back to Unoccupied status. The Room Controller can use the appropriate setpoints (back and forth) up to three times per day.

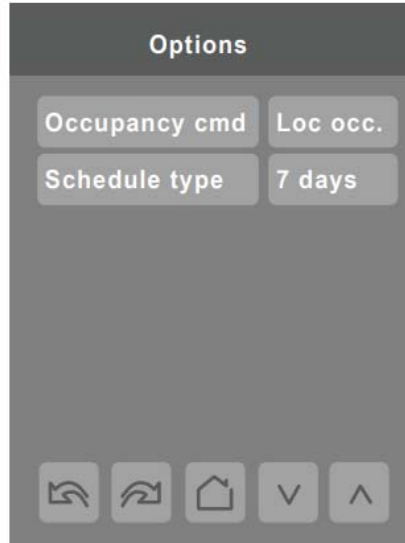


## PARAMETER DETAILS

Configuration Parameters Default Value	Significance and Adjustments
<b>Occupied 1 - 3</b> Default value: <b>None</b>	<b>Occupied 1 - 3</b> Defines a time when the Room Controller is automatically set to use the Occupied setpoint. <b>Note:</b> There are 3 separate Occupied parameter entries <b>Range:</b> 00:00 - 24:00
<b>Unoccupied 1 - 3</b> Default value: <b>None</b>	<b>Unoccupied 1 - 3</b> Defines a time when the Room Controller is automatically set to use the Unoccupied setpoint. <b>Note:</b> There are 3 separate Occupied parameter entries <b>Range:</b> 00:00 - 24:00

# Options

The options settings allow the Room Controller to function in Occupied or Unoccupied mode following a defined Schedule type set by the user.



## PARAMETER DETAILS

Configuration Parameters Default Value	Significance and Adjustments
<b>Occupancy cmd</b> Default value: <b>Local occ</b>	<b>Occupancy Command</b> <b>Loc occ:</b> occupancy is determined by local sequences (either PIR or schedule, as configured under Occ. source). <b>Occupied:</b> force occupied mode. <b>Unoccup:</b> force unoccupied mode. <b>Choices:</b> Loc occ, Occupied or Unocc.
<b>Schedule type</b> Default value: <b>7 days</b>	<b>Schedule Type</b> <b>7 days:</b> Independent scheduling identified by day of the week (Sunday - Saturday) <b>5+1+1 days:</b> Weekdays scheduling and Independent Weekend scheduling identified as Weekdays, Saturday and Sunday <b>5+2 days:</b> Weekdays scheduling and Weekend scheduling identified as Weekdays and Weekend <b>Choices:</b> 7 days, 5+2 days or 5+1+1

### **Language**

To change the display language simply press the “Language Select” button to scroll through available languages. There are 5 languages pre-mapped to the thermostat by default (English, French, Spanish, Chinese, Russian). There are 21 available languages that can be displayed upon request. To request one of the other languages, please call facilities at 314.935.5544.

### **Fahrenheit / Celsius**

To change the display between Fahrenheit and Celsius, simple press the “Fahrenheit / Celsius Select” button to cycle between the two options.

### **Customer Service**

If you have any questions on the operation of your HVAC unit or thermostat, please call Customer Service during normal business hours at 314.935.5544.